

Patent Claims:

1 – 12 (canceled)

13. (new) A method for monitoring and carrying out a diagnosis of a technical installation, comprising:

assigning an acoustical signal to a specific failure of a component of the technical installation,

whereby the acoustical signal is produced by a device assigned to the component and the device is activated mechanically in the event of the failure.

14. (new) The method according to claim 13, wherein the device includes a plate capable of vibrating within a human hearing frequency range and the vibration frequency is characteristic for the specific failure.

15. (new) The method according to claim 13, wherein a number of devices are provided for the component or a number of components, each device being assigned to a specific failure.

16. (new) The method according to claim 13, wherein a number of devices are provided for the component and a number of components, each device being assigned to a specific failure.

17. (new) An apparatus for monitoring and carrying out a diagnosis for a power plant, comprising:

a device assigned to a component of the power plant for producing an acoustical signal,

wherein for at least one specific failure of the component and the device is being mechanically in case of occurrence of the failure.

18. (new) The apparatus according to claim 17, wherein the device includes a plate capable of vibrating within hearing frequency range and the vibration frequency is characteristic for said specific failure.

19. (new) The apparatus according to claim 17, wherein a number of devices are provided for the component or a number of components, each device being assigned to a specific failure.

20. (new) The apparatus according to claim 17, wherein a number of devices are provided for the component and a number of components, each device being assigned to a specific failure.

21. (new) A method for monitoring a technical installation, especially for carrying out diagnosis, comprising:

assigning an optical signal to a specific failure of a component of the technical installation,

whereby the optical signal is produced by a device assigned to the component and the device is activated mechanically in case of occurrence of the failure.

22. (new) The method according to claim 21, wherein the device includes a vessel containing a liquid and the vessel is capable of breaking if a stress endured by the component exceeds a fixed value.

23. (new) The method according to claim 21, wherein a number of devices are provided for the component or a number of components, each device being assigned to a specific failure.

24. (new) The method according to claim 21, wherein a number of devices are provided for the component and a number of components, each device being assigned to a specific failure.

25. (new) An apparatus for monitoring a technical installation, comprising:

a device assigned to a component of the technical installation for producing an optical signal,

wherein for a specific failure of the component, the device is activated mechanically in case of occurrence of the failure.

26. (new) The apparatus according to claim 25, wherein the device includes a vessel containing a liquid, the vessel capable of breaking if stress endured by the component exceeds a fixed value.

27. (new) The apparatus according to claim 25, wherein a number of devices are provided for the component or a number of components and each device is assigned to a specific failure.

28. (new) The apparatus according to claim 25, wherein a number of devices are provided for the component and a number of components and each device is assigned to a specific failure.